

DUPLICATE

SUBMIT IN DUPLICATE
(Other instructions on
reverse side)Form approved
Budget Bureau No. 42 B11.1UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. TRAP DESIGNATION AND RELIANCE 8-14259 U-37623		
1b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRUST LAND n/a		
2. NAME OF OPERATOR Bowers Oil & Gas Exploration, Inc.			7. UNIT AGREEMENT NAME n/a		
3. ADDRESS OF OPERATOR P.O. Box 636, Grand Junction, CO 81502			8. FARM OR LEASE NAME n/a		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 518 ft. FSL, 560 ft. FWL At proposed prod. zone Same as at surface			9. WELL NO. Bowers-Texoma Fed. Well #1		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 10 miles south of Cisco, Utah			10. FIELD AND POOL, OR WILDCAT Greater Cisco Area		
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 518 ft.			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T19S, R24E		
16. NO. OF ACRES IN LEASE 2240			12. COUNTY OR PARISH Grand		
17. NO. OF ACRES ASSIGNED TO THIS WELL 160			13. STATE Utah		
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. n/a			20. ROTARY OR CABLE TOOLS Rotary		
19. PROPOSED DEPTH 2500 ft. (to upper salt wash)			22. APPROX. DATE WORK WILL START 1 March, 1981		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4753 G.R.					
23. PROPOSED CASING AND CEMENTING PROGRAM					

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	20#	200 ft.	Circulate to surface
5-3/4" to top of Dak.	4-1/2"	9.5# or 10.5#	2500 ft.	140 SK. RFC
-1/4" Dak. top to TD				

See Attachments

RECEIVED

APR 24 1981

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED <u>James E. Bowers</u>		TITLE <u>President</u>	DATE <u>12/30/80</u>
(This space for Federal or State office use)			
PERMIT NO. _____	APPROVAL DATE _____		
APPROVED BY <u>W P Mouton</u>	FOR <u>E. W. GUYNN</u>	DISTRICT ENGINEER	DATE <u>APR 23 1981</u>
CONDITIONS OF APPROVAL, IF ANY:			

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

NOTICE OF APPROVAL

ST. Dix & Son

United States Department of the Interior
Geological Survey
Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATIONOperator/Project Name Bowers-Texoma Federal No. 1-31Project Type Development Gas TestProject Location 518' FSL, 560' FWL, Sec. 31, T19S, R24E, Grand Co, UtahDate Project Submitted January 21, 1981FIELD INSPECTIONDate March 9, 1981Field Inspection
ParticipantsJim Bowers - OperatorSpencer Davis - Northwest PipelineMical Walker, Elmer Duncan - BLMDick Hall, Glenn Doyle - USGS

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

March 18, 1981

Date Prepared

Glenn M. Doyle
Environmental Scientist

I concur

4/9/81

Date

E. V. Long
District Supervisor

Rec 4/9/81



BOWERS-TEXDMA #1-31
SEC. 31, T19S, R24E, GRAND Co.,
Utah



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)
Desert Tan	-----
Sage Gray	(Pratt & Lambert)

Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

BOWERS OIL & GAS EXPLORATION INC.

P.O. Box 636

GRAND JUNCTION, CO. 81502

BUS: 303-245-1342

RES: 303-242-6311

EAST/WEST CROSS-SECTION

CUT/FILL DIAGRAM



NOT DRAWN TO SCALE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Bowers Oil & Gas Exploration, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 636, Grand Junction, CO 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

518 ft. FSL, 560 ft. FWL SWSW

At proposed prod. zone

Same as at surface

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 miles south of Cisco, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any) 518 ft.

16. NO. OF ACRES IN LEASE

2240

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

n/a

19. PROPOSED DEPTH

2500 ft. (to upper
salt wash)

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4753 G.R.

22. APPROX. DATE WORK WILL START*

1 March, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	20#	200 ft.	Circulate to surface
6-3/4" to top of Dak.	4-1/2"	9.5# or 10.5#	2500 ft.	140 SK. RFC
6-1/4" Dak. top to TD				

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: 1/13/81

BY: CB Feight

See Attachments

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

James E. Bowers

TITLE

President

DATE

12/30/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

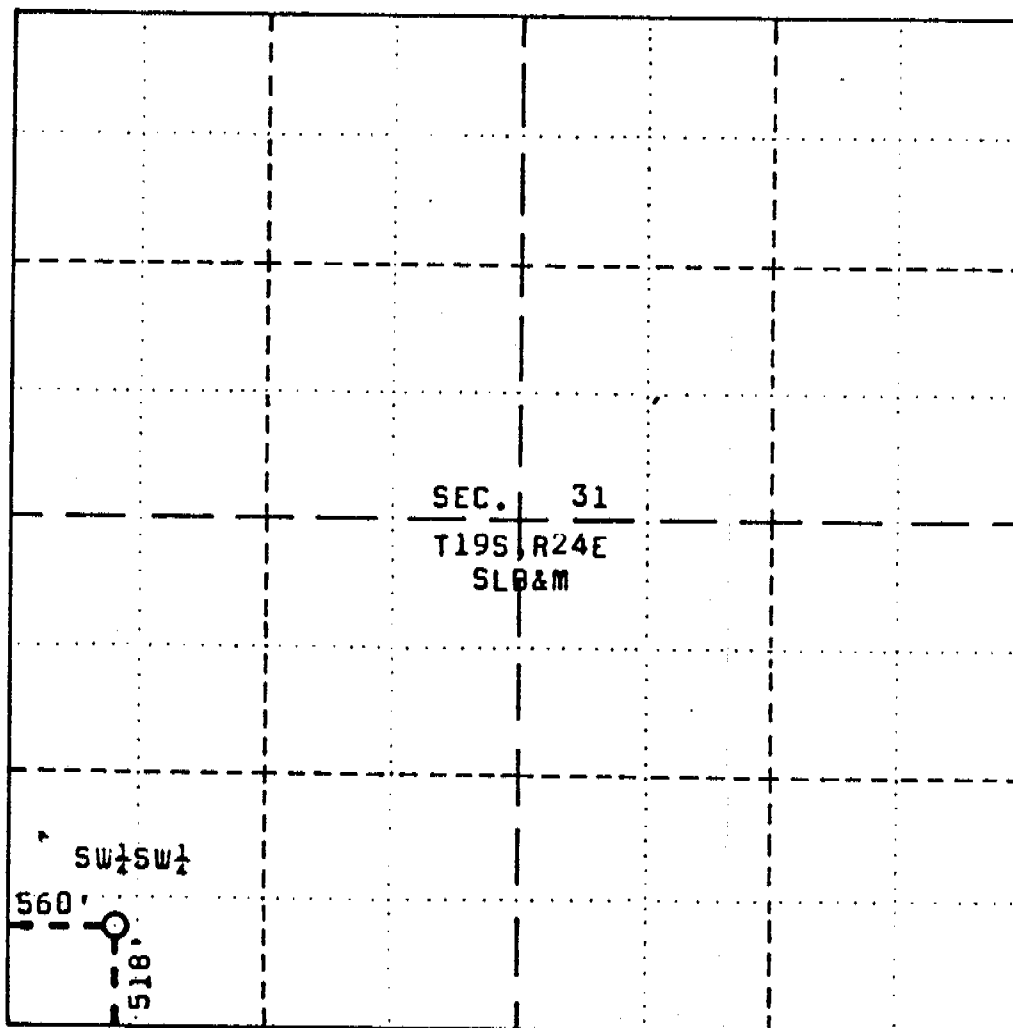
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



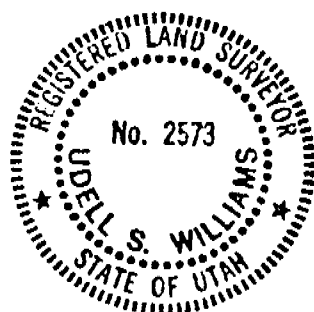
SCALE: 1" = 1000'

**BOWERS-TEXOMA
FEDERAL WELL NO. 1-31**

Located North 518 feet from the South boundary and East 560 feet from the West boundary of Section 31, T19S, R24E, SLB&M.

Elev. 4753

Grand County, Utah



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

UdeLL S. Williams
UTAH R.L.S. NO. 2573

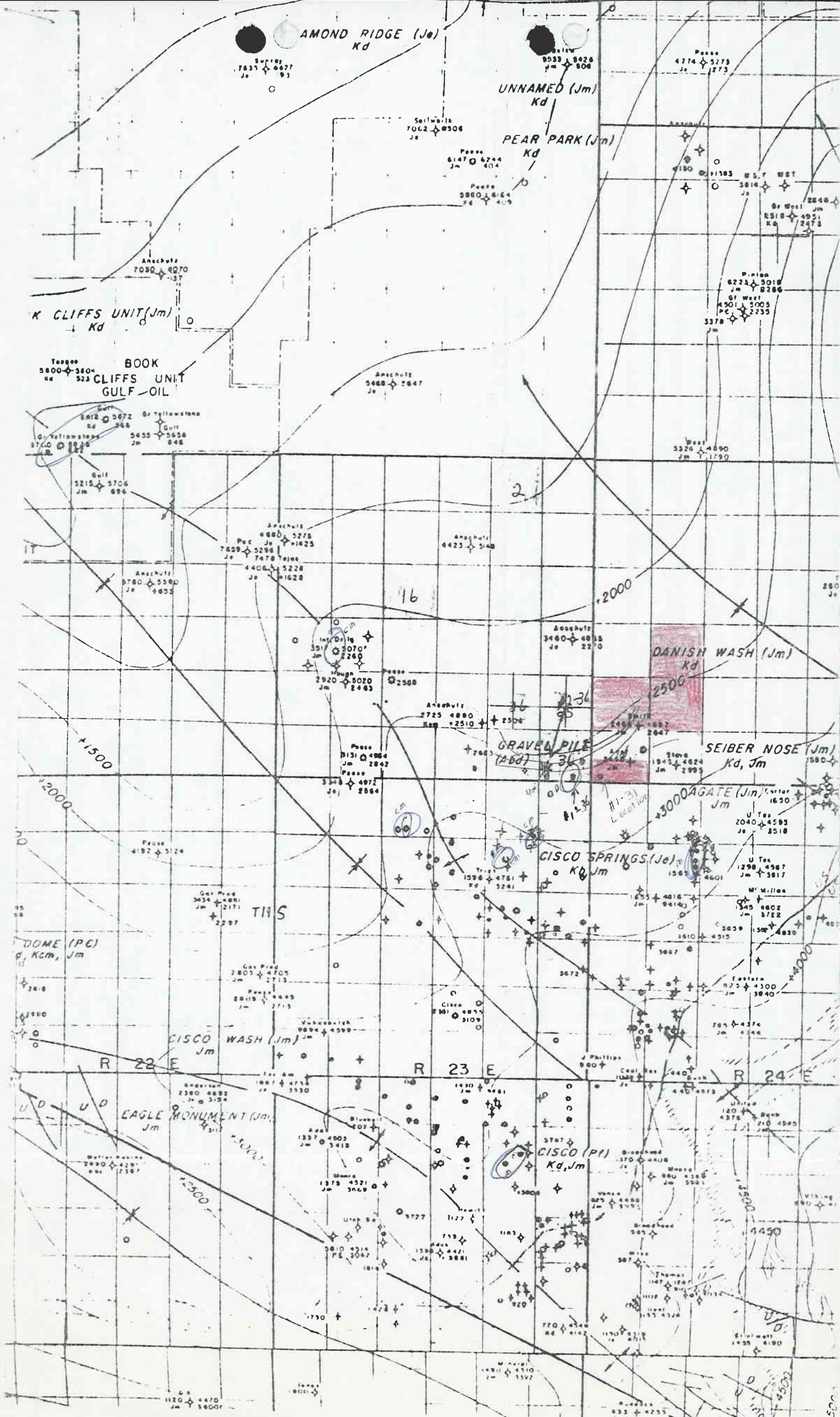


UDELL S. WILLIAMS

751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION
BOWERS-TEXOMA
FEDERAL WELL NO. 1-31
SW 1/4 SW 1/4 SECTION 31
T19S, R24E, SLB&M

SURVEYED BY: USW DATE: 11/7/80
DRAWN BY: USW DATE: 11/8/80



- Acreage under the lease on which this well is to be drilled.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	<u>Federal/State Agency</u>			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety					1, 2			3/9/81	
2. Unique charac- teristics					1, 2				
3. Environmentally controversial					1, 2				
4. Uncertain and unknown risks						4			
5. Establishes precedents					1, 2				
6. Cumulatively significant					1, 2		6		
7. National Register historic places	1-4/7/81								
8. Endangered/ threatened species	1-4/7/81								
9. Violate Federal, State, local, tribal law					4				3

Site-specific stipulations attached.

COMMON REFERENCE LIST

NEPA Categorical Exclusion Review

1. SMA Input
2. Reviews, reports, or information received from Geological Survey (CD, GD, WRD, TD).
3. Lease Stipulations/Terms
4. Application to Drill
5. Operator correspondence
6. Field observation
7. Private Rehabilitation Agreement

SITE-SPECIFIC STIPULATIONS

- 1) Fence reserve pit on three sides prior to drilling and on the fourth side once the rig moves off.
- 2) Alter location dimensions to 160' X 220' to avoid the drainage to the west.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO

3109
(U-603)

Moab District
Grand Resource Area
P. O. Box M
Moab, Utah 84532

APR 6 1981

Memorandum

To: Oil & Gas Office
U.S.G.S. Conservation Division
P.O. Box 3768
Grand Junction, CO. 81502

From: Area Manager, Grand

Subject: Bowers Oil & Gas Exploration, Inc.
Bowers - Texoma Federal #1
SW/SW Section 31, T. 19 S., R. 24 E., SLB&M
Grand County, Utah

On March 9, 1981 a representative from this office met with Glenn Doyle, USGS, and Jim Bower, agent of the Bowers Oil & Gas Exploration, Inc., for an inspection of the above referenced location. Subject to the attached conditions and written permission from USGS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Bowers Oil & Gas Exploration, Inc.

Enclosures: (3)
1-Reclamation Procedures
2-Seed Mixture
3-Suggested Colors - Production Facilities

U. S. GEOLOGICAL SURVEY
OIL AND GAS OPERATIONS
RECEIVED

APR 07 1981

GRAND JUNCTION, COLORADO

STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

Contact this office at least 48 hours prior to beginning construction of access road and pad.

Stockpile the surface nine inches of topsoil in a wind-row on the north border of the location.

The upper banks (up-hill side) of all cuts will be rounded during construction of the access road and pad.

Notify the BLM District Archaeologist if cultural material from sub-surface deposits is exposed during the operation.

The trash cage will be at the location and fenced with fine mesh wire during drilling operations.

The "blooey" line will be centered and directed into the pit.

If production is obtained, the access road will be upgraded to BLM specifications for long-term roads as outlined in the surface use standards section of the "Oil and Gas" pamphlet (joint BLM and USGS and USFS publication).

If production is obtained, all production facilities will be painted. See enclosed suggested colors for production facilities.

Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.

Production facilities and pipeline route are approved on this location under lease rights.

As agreed upon at the pre-drill field examination -

Access -

- 1) New construction in Section 1, T. 20 S., R. 23 E., Section 6, T. 20 S., R. 24 E., Section 31, T. 19 S., R. 24 E. will be held to a maximum disturbed width of 16 feet. Surface disturbance will be kept to an absolute minimum until well production is determined.
- 2) Two low water crossings will be installed, any soils and organic matter removed from the road surface will be windrowed along the up-hill side for the length of the road.

Location -

- 1) Reserve pit(s) will lay outside the regular pad area. Pad site will be 160 feet wide by 220 feet long. Pits will be to the east of the center of the east border of the pad, 40 feet long by 20 feet wide by 10 feet deep.
- 2) The pad will not infringe in any way on the drainage that parallels the west side.
- 3) There will be a minimum of a two foot free board on the reserve pits of all time during drilling. (Liquids in the pits will not be allowed to get within two feet of the top of the bank).
- 4) Pit(s) will be fenced with 48 feet woven wire, with two strands of barbed wire along the top during well drilling. The 4th side of the pit(s) will be fenced prior to moving the rig from the location.
- 5) If the well is a producer, the pipeline can go to the east or the west to a trunk line. Determined by the well pressure, the gathering line will follow the access road to the west approximately 2,000 feet to a 350 pound p.s.i. trunk line; or to the east approximately 4700 feet to a 25 pound p.s.i. trunk line. Either way, the line will be buried. There is not a road going east from the well location.

Rehabilitation -

- 1) Start rehabilitation operations within one week after operations or well completion, complete rehabilitation within one week. (See number 10. part (5) of the Surface Use Plan).
- 2) If the well is a producer, the non-producing area will be rehabilitated during the week after well completion.

The disturbed surface from approximately 20 feet outside the deadman (anchors) will be re-contoured, top soils replaced, ripped and prepared for a fall seeding.

RECLAMATION PROCEDURES IN GRAND RESOURCE AREA

1. Disk or rip pads and access roads.
 - a. Overlap passes in order to insure complete treatment.
2. Contour pads and access roads.
 - a. Lay berms into centers.
 - b. Use cut material for fill areas.
 - c. Lay stockpiled surface soil over top of pads and spread evenly.
 - d. On highly erosive soils, it may be more beneficial to grade slopes to reduce steepness.
 - e. Do not smooth pads out, leave a roughened surface. On steeper slopes and slopes with clayey soils scarify or serrate the ground in order to increase water infiltration and reduce erosion.
3. Water bar roads where required by this office.

* 2 percent	Grade	-	200 ft. intervals
2-4 percent	Grade	-	100 ft. intervals
4-5 percent	Grade	-	75 ft. intervals
5 percent	Grade	-	50 ft. intervals

* Actual spacing may vary according to soil stability. Lighter textured soils will require more frequent water bars. When natural drainage ways are present, water bars are to be constructed to make maximum use of them. Plan operations so that natural drainage ways do not become blocked.
4. Seed roads and pads in the fall (Oct. through mid-Dec.).

SEED MIXTURE

Species

Rate

Grasses

lbs/acre

Oryzopsis hymenoides
Hilaria jamesii

Indian ricegrass
Curley grass

1
1

Forbs

Sphaeralcea coccinea

Globemallow

1

Browse

Atriplex nuttallii
Atriplex spinescens

Nuttall saltbush
Budsage

1
1

5

BOWERS OIL & GAS EXPLORATION INC.

P. O. Box 636
GRAND JUNCTION, CO. 81502
BUS: 303-245-1342
RES: 303-242-6311

NTL-6

1. Geologic name of surface formation - Manco Shale.
2. Estimated tops of important geologic markers -
 - a. Dakota - 1950 ft.
 - b. Morrison - 2250 ft.
 - c. Morrison (salt wash member) - 2400 ft.
3. The estimated depths at which anticipated water, oil, gas or other mineral - bearing formations are expected to be encountered -
 - a. Dakota, 2000 ft., gas or water is expected.
 - b. Cedar Mountain, 2150 ft., gas is expected.
 - c. Morrison (salt wash member), 2400 ft., gas or water is expected.
4. The proposed casing program, including the size, grade, and weight/ft. of each string and whether new or used.
 - a. The surface pipe will be new and graded H-40. Other information regarding this pipe is listed in #23, first page of APD.
 - b. The production pipe if needed, will be new and graded H-40 or J-55. Other information regarding this pipe is also listed in #23, first page of APD.
5. The operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and the testing procedures and testing frequency -
 - a. A Schaeffer blowout preventer w/Grants rotating head will be used. This BOP is rated to 3,000 psi.
 - b. See attached schematic diagram.
 - c. Unit will be tested to 1000 psi prior to drilling out from under surface pipe by pressuring- up air-compressors. Daily testing will be performed thereafter.
6. The type and characteristics of the proposed circulating medium or mediums to be employed for ratary drilling and the quantities and types of mud and weighting material to be maintained.
 - a. We propose to drill with air as fas as possible. If water is encountered we will continue with air/mist. If excessive gas is encountered we will mud-up with high yield gel and drispack

system circulated with 4% KCl. At TD we will mud-up with the same system even if excessive gas is not encountered. The mud weight will be between 8.5 lbs/ft. and 9.0 lbs./ft. If a heavier mud is needed we will add CaCl as needed.

7. Auxiliary equipment to be used.
 - a. Kelly cocks.
 - b. Floats at the bit.
 - c. Visual monitoring of the mud system (when used).
 - d. A sub on the rig floor with full opening valve to be stabbed into drill pipe when kelly is out of string.
8. The testing, logging, and coring programs to be followed with provision made for required flexibility:
 - a. No coring programs are anticipated.
 - b. Visual examinations of cuttings will be made.
 - c. Logging will consist of dual induction-laterlog, and compensated neutron/formation density.
 - d. Possibly, a DST will be run if there is a doubt as to a zone's potential.
9. Any anticipated abnormal pressures or temperatures expected to be encountered or potential hazards such as hydrogen sulfidgas, along with plans for mitigating such hazards -

None expected.
10. The anticipated starting date and duration of the operation -

We plan to start January 1, 1981 . Operation should take seven (7) days.

BOWERS OIL & GAS EXPLORATION INC.

P.O. Box 636
GRAND JUNCTION, CO 81502
BLS: 303-245-1342
RES: 303-242-6311

SURFACE USE PLAN (NTL-6)

1. Existing Roads - (see attached map).
 - a. Proposed well site is marked. 200 ft., north, south directioned reference stakes have been laid.
 - b. Route and distance from nearest town or locatable reference point to where well access route leaves main road -
From Grand Junction, CO. you take I-70 west for 50 miles. You then turn off of the interstate highway at the East Cisco exit and then proceed north on Cottonwood Ranch Road for approximately five miles. At this point you will be at our access road turnoff. Go east on the access road for about $\frac{1}{4}$ mile which will bring you to our location.
 - c. Access road to location color - coded or labeled -
Access road is labeled (see attached map).
 - d. If exploratory well, all existing road within 3-mile radius -
N/A
 - e. If development well, all existing roads within a 1-mile radius of well site (including type of surface, conditions, etc.) -
The Cottonwood Ranch Road described in 1b. above, is a light duty, hard surface road that is located approx. $\frac{1}{4}$ mile west of the location and runs in a NW, SE direction. This road angles west about $\frac{1}{4}$ mile NW of the location. At the point it angles west a jeep trail intersects with the road and proceeds north. About one mile east of the location is an unimproved dirt road that runs in a north, south direction.
 - f. Plans for improvement and/or maintenance of existing roads -
None

2. Planned Access Roads

Enclosed is a map showing the one access road which needs to be constructed. No access road needs to be reconstructed.

- (1) Width - The road will be 15-18 ft. wide.
- (2) Maximum Grade - The maximum grade will be 3%.
- (3) Turnouts - No turnouts will be needed.
- (4) Drainage design - None needed.
- (5) Location and size of culverts and brief description of any major cuts and fills -
None
- (6) Surfacing material - No foreign material will be put on the access road. The native soil will provide an adequate surface.
- (7) Necessary gates, cattleguards, or fence cuts - No gates nor cattleguards will need to be built. No fences will need to be cut.
- (8) The access road is center-line flagged.

3. Location of Existing Wells

The following is a list of various types of wells located within a one-mile radius of the location: (also, see attached map)

- (1) Water wells - None
- (2) Abandoned wells - There are three abandoned wells located $\frac{1}{2}$ to 1 mile northeast of the location. There is an abandoned well located $\frac{1}{2}$ mile northwest of the location and another located 1 mile west by northwest of the location.
- (3) Temporarily abandoned wells - none
- (4) Disposal Wells - none
- (5) Drilling Wells - none
- (6) Producing Wells - There is a gas well located $\frac{1}{2}$ mile west of the location.

- (7) Shut-in Wells - There is a shut-in gas well located $\frac{1}{2}$ mile south of the location.
- (8) Injection Wells - There are no injection wells within a one-mile radius.
- (9) Monitoring or observation wells for other resource - There are no monitoring or observation wells for other resources within a one-mile radius.

4. Location of existing and/or proposed facilities -

A. Within a one-mile radius of location show the following existing facilities owned or controlled by operator/lessee.

- (1) Tank Batteries - There is a oil tank at the Bowers State Well #1-36 located $\frac{1}{2}$ mile west of the location.
- (2) Production Facilities - There are production facilities located at the well mentioned in 4.A.(1).
- (3) Oil gathering lines - none owned or controlled by operator/lessee.
- (4) Gas gathering lines - none
- (5) Injection lines - none owned or controlled by operator/lessee.
- (6) Disposal lines - none owned or controlled by operator/lessee.

B. If new facilities are contemplated, in the event of production, show:

- (1) Proposed location and attendant lines by flagging if off of well pad - Flagged stakes from the well location to N.W. Pipeline Co.'s feeder line has been set. This route would be the proposed gas pipeline route if commercial natural gas is found.
- (2) Dimensions of Facilities - A gas-meter housing facility would be no more than 50' X 50'. Its purpose would be for measuring the volume of gas produced. A 4 $\frac{1}{2}$ " pipeline (surface) would run from this meter station to N.W. Pipeline's gathering system on the route described in B(1) above. Approx. five feet on either side of the pipeline route would be needed for installation.
- (3) Construction methods and materials - The meter house would be a metal, pre-fabricated structure painted desert gold. Inside would be valves, fittings, meter runs, chart, etc. needed to measure the volume of gas. The pipeline would be 4 $\frac{1}{2}$ " O.C. pipe.
- (4) Protective measures and devices to protect livestock and wildlife - It is believed neither the wellhead, nor the meter house nor the pipeline would present a danger to wildlife.

(We do not anticipate encountering oil. If commercial oil is found, however, we will present a proposed oil production facility by use of a sundry notice.)

- C. Plan for rehabilitation of disturbed areas no longer needed for operations after construction completed - We plan to contour all of the topsoil back over the disturbed areas that are no longer needed after operations are ended. We will then reseed in a quantity, method and with the type of seed the BLM recommends.

5. Location and type of Water Supply

- A. Show location and type of water supply either on map or by written description - We will obtain fresh water from the Colorado River north of Cisco, Utah or from a drinking water tap in Fruita, CO. Fruita, CO. is located west of Grand Junction, as described above and also exits off I-70. Cisco, Utah can be reached by turning left off the east Cisco exit (as you travel west on I-70). Go approx. 3½ miles south on Highway 50. The turnoff to the River is approx. ¼ mile from Cisco. You turn left off of Highway 50 on an unimproved dirt road and travel approximately 3 miles.
- B. State method of transporting water, and show any roads or pipelines needed - We will transport water by water truck. The roads needed are described in 5.A. No new roads will be constructed. No pipelines will be needed.
- C. If water well is to be drilled, so state - No water well will be drilled.

6. Source of Construction Materials

- A. Show information either on map or by written description - No entraneous material will be brought in. The native soil will be used as the pad base.
- B. Identify if from Federal or Indian land - N/A
- C. Describe where materials, such as sand, gravel, stone and soil material, are to be obtained and used - As explained in 6.A. the native soil will be used as the pad base. We will not use other materials such as sand, gravel or stone.
- D. Show any needed access roads crossing Federal or Indian lands under item 2 - The only access road will be the one described in (2). It will cross Federal land. (see attached map.)

7. Methods for Handling Waste Disposal -
(Describe methods and location of proposed containment and disposal of waste material, including):
- (1) Cuttings - We will blow the cuttings into a reserve pit (the pit is shown on the attached diagram).
 - (2) Drilling fluids - The drilling fluids will be contained in two large steel tanks. The fluids will be disposed into the reserve pit when drilling operations are over.
 - (3) Produced fluids - (oil & water) - Produced water will be run into the reserve pit. Oil will also be disposed into the reserve pit unless a large enough amount is produced. If a large amount is produced we will contain it in steel tanks.
 - (4) Sewage - Will be disposed of by use of toilet facilities in a mobile home or use of facilities in Cisco, Utah.
 - (5) Garbage or other waste material - Will be contained in plastic bags and taken from site when operations end or burned/buried in a trash/burn pit which will be fenced with small mesh wire.
 - (6) Statement regarding proper cleanup of well site area when rig moves out. We will completely clean-up site within two (2) days after rig moves out.
8. Ancillary Facilities - No camps or airstrips will be needed.
9. Well Site Layout - (See attached plot.) Pits will be unlined.
10. Plans for Restoration of Surface -
- (1) Backfilling, leveling, contouring, and waste disposal; segregation of spoils materials as needed - All pits will be backfilled. We will contour the topsoil, no longer needed, over that portion of the pad which is no longer needed. The fluids contained in the reserve pit will be buried as will the trash in the trash/burn pit. Appreciable amounts of waste or produced fluids will be hauled from the site rather than buried. Produced oil will be pumped from pit and removed prior to backfilling pit.
 - (2) Revegetation and rehabilitation - We will reseed all disturbed areas including the access road, in a manner and with the type and quantity of seed that BLM directs.
 - (3) Prior to rig release, pits will be fenced and so maintained until clean up.
 - (4) If there is oil on pit we will remove oil or install overhead flagging.
 - (5) We will commence rehab. operation within one week after operations end and complete rehab. within one week after starting rehab. (except for reseed which will be done when BLM so directs).

11. Other Information

- (1) Topography, soil characteristics, geologic features, flora and fauna -

The soil in this area varies from that containing appreciable amounts of clays to a sand/gravel mixture. The plant life consists mainly of sagebrush with small amounts of native grass. The animal life consists of prairie dogs and jack rabbits.

- (2) Other surface - use activities and surface ownership of all involved lands - The surface land is used for winter grazing of sheep and cattle. The surface land is federally owned.

- (3) Proximity of water, occupied dwellings, archeological, historical or cultural sites - Cottonwood Creek is located 1½ miles north of the location.

The only occupied dwellings are located in Cisco, Utah, the distance and route to are described above (5). There are no archeological, historical or cultural sites in the area.

12. Lessee's or operator's representative - The operator's representative is James E. Bowers, P.O. Box 636, Grand Junction, Colorado 81502, telephone number: 303-245-1342.

13. Certification - I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operation proposed herein will be performed by Bowers Oil and Gas Exploration, Inc. and its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

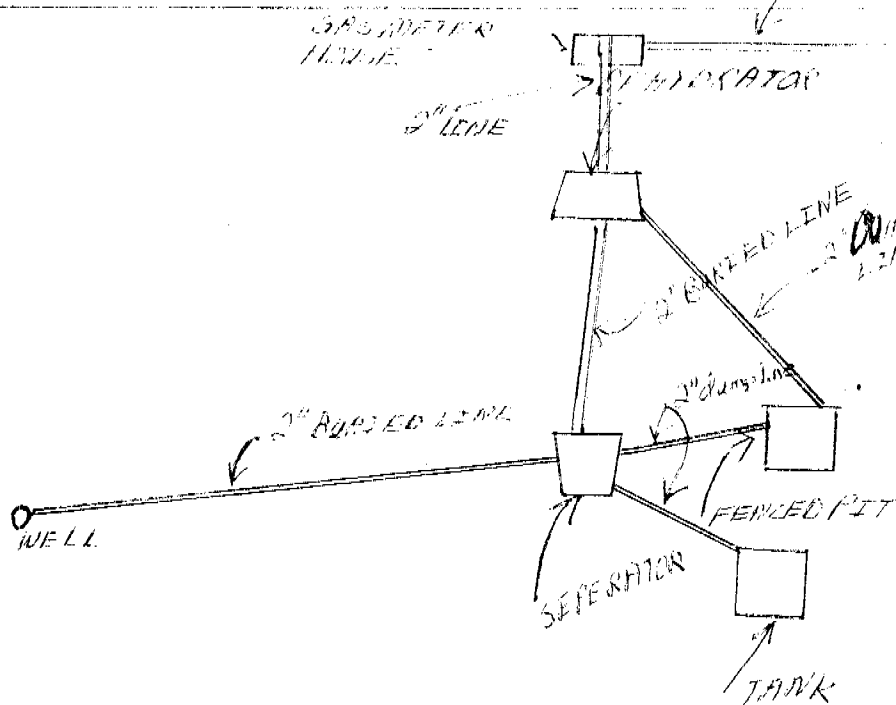
6/30/80
Date

James E. Bowers, President

Bowers Oil & Gas Exploration, Inc.

OIL & GAS EXPLORATION
P.O. BOX 636
GRAND JUNCTION, CO. 81501

BUS. 303-245-1342
RES. 303-242-6311



PROPOSED PRODUCTION FACILITIES FOR POLKERS-TEXOMA FIELD #1-31

NOT DRAWN TO

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-37623OPERATOR: Bowers O. & G.WELL NO. Fed Well # 1LOCATION: C SW $\frac{1}{2}$ SW $\frac{1}{2}$ sec. 31, T. 19S, R. 24E., SLMGrand County, Utah

1. Stratigraphy:

Mancos Sh	surface
Ferron SS	~ 1700'
Dakota SS	1950'
Morrison	2250'
Salt Wash	2400'
<u>TD</u>	<u>2500'</u>

2. Fresh Water:

Useable water probable in the Ferron & Dakota.

3. Leasable Minerals:

Coal: minor amounts in the Dakota SS.

Gas: Dakota, Morrison

4. Additional Logs Needed: Adequate5. Potential Geologic Hazards: None expected

6. References and Remarks:

Signature: Gregory W. WoodDate: 2-21-81

**** FILE NOTATIONS ****

DATE: January 12, 1981
OPERATOR: Bowers Oil & Gas Exp., Inc.
WELL NO: Bowers-Texoma Fed. 1-31
Location: Sec. 31 T. 19S R. 24E County: Grand

File Prepared: ☐

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-019-30768

CHECKED BY:

Petroleum Engineer: _____

Director: OK under order issued in case 102-16B

Administrative Aide: _____

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. 102-16B

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage
within a 660' radius of proposed site ☐

Lease Designation Fed.

Plotted on Map ☒

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

January 22, 1981

Mowers Oil & Gas Exploration, Inc.
P. O. Box 636
Grand Junction, Colorado 81501

Re: Well No. Bowers-Texoma Fed. #1-31
Sec. 31, T. 19S, R. 24E, BW SW
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 102-168, dated September 26, 1979.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (Aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30768.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight
Director

/ko
cc: USGS

NOTICE OF SPUDCaller: Jim Bowers

Phone: _____

Well Number: Texoma 1-31Location: ^(Lot 4) SW SW 31-19S-24ECounty: Grand State: UtahLease Number: U-37623

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 4-29-81 5:00 P.M.Dry Hole Spudder/Rotary: Fowler Rig #1Details of Spud (Hole, Casing, Cement, etc.) 8 5/8" holeRotary Rig Name & Number: Starner Rig #3Approximate Date Rotary Moves In: when 2-25 is finishedFOLLOW WITH SUNDRY NOTICECall Received By: KRDate: 4-30-81

MAY 1 1981

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other
instructions on
reverse side)Form approved,
Budget Bureau No. 42-R355.6.

13

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR Bowers Oil and Gas Exploration, Inc.						5. LEASE DESIGNATION AND SERIAL NO. U-37263 37623	
3. ADDRESS OF OPERATOR P.O. Box 636, Grand Junction, CO 81502						6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 518 ft. FSL, 560 ft. FWL At top prod. interval reported below same as above At total depth same as above						7. UNIT AGREEMENT NAME n/a	
14. PERMIT NO. (J) 43-019-30768						9. WELL NO. Bowers Fed. #1-31	
DATE ISSUED 1/22/81						10. FIELD AND POOL, OR WILDCAT Greater Cisco Area	
15. DATE SPUDDED 4/29/81						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 31, T19S, R24E SLB & M	
16. DATE T.D. REACHED 5/5/81						12. COUNTY OR PARISH Grand	
17. DATE COMPL. (Ready to prod.) 5/21/81						13. STATE Utah	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4753' K.B.						19. ELEV. CASINGHEAD 2 ft.	
20. TOTAL DEPTH, MD & TVD 2505 ft. (MD)		21. PLUG BACK T.D., MD & TVD 2056 ft. (MD)		22. IF MULTIPLE COMPL., HOW MANY* n/a		23. INTERVALS DRILLED BY 0-100 ft. 100 ft.-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2000 ft.-2010 ft. (Dakota)						25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual induction; Neutron/density; Sonic						27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
7 5/8"	24#	233 ft.	11"	to surface		n/a	
4 1/2"	10.5#	2107 ft.	6 1/4"	125 sx. 10-2 RFC		n/a	
29. LINER RECORD n/a							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/2"	2019 ft.	n/a
31. PERFORATION RECORD (Interval, size and number) 2002'-2010' (9 shots 3/8" jet shot 1 shot/ft.)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
				2000-2010 ft.	1000 gal. methanol		
33.* PRODUCTION							
DATE FIRST PRODUCTION 5/21/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in gas well	
DATE OF TEST 5/21/81	HOURS TESTED 1	CHOKE SIZE 24/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 0	GAS—MCF. 7	WATER—BBL. 0	GAS-OIL RATIO n/a
FLOW. TUBING PRESS. 42#	CASING PRESSURE 100#	CALCULATED 24-HOUR RATE →	OIL—BBL. 0	GAS—MCF. 168	WATER—BBL. 0	OIL GRAVITY-API (CORR.) n/a	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented						TEST WITNESSED BY James E. Bowers	
35. LIST OF ATTACHMENTS none							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED James E. Bowers		TITLE President		DATE 6/1/81			

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 31.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Dakota	1945'	1961'	Water (500 BWPD - est.)	Dakota Morrison	1910'	n/a
Dakota	2000'	2010'	Gas (300 MCFGPD - est.)		2120'	n/a
Dakota	2015'	2026'	Nothing			
Dakota	2294'	2316'	Nothing			
Dakota	2400'	2413'	Nothing			

FILE IN TRIPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

DIVISION OF
REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Bowers Federal Well #1-31
Operator Bowers Oil & Gas Expl. Address P.O. Box 636, Grand Jct., CO
Contractor Starnier Drilling Address P.O. Box 1868, Grand Jct., CO
Location SW 1/4 SW 1/4 Sec. 31 T. 19S R. 24E County Grand

Water Sands

	<u>Depth</u>	<u>Volume</u>	<u>Quality</u>
	From To	Flow Rate or Head	Fresh or Salty
1.	<u>1945 - 1961</u>	<u>500 BWPD - est.</u>	<u>Salty</u>
2.			
3.			
4.			
5.			

(Continue of reverse side if necessary)

Formation Tops Dakota - 1910 ft.
Morrison - 2120 ft.

Remarks

none

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

July 6, 1988

Bowers Oil and Gas Exploration, Inc.
P. O. Box 636
Grand Junction, Colorado 81502

Re: Well No. Bowers Fed. #1-31
Sec. 31, T. 19S, R. 24E
Grand County, Utah

Well No. Bowers Fed. #2-25
Sec. 25, T. 19S, R. 23E
Grand County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 6-1-81, from above referred to wells indicates the following electric logs were run: Dual induction, Neutron/density, Sonic; Dual induction/ Laterlog. As of todays date this office has not received these logs: Dual induction, Neutron/density, Sonic (#1-31); laterlog (#2-25).

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Sandy Bates
Clerk-Typist

/lm

July 17, 1981

Bowers Oil and Gas Exploration, Inc.
P. O. Box 6368
Grand Junction, Colorado 81502

Re: Well No. Bowers Fed. #1031
Sec. 31, T. 19S, R. 24E
Grand County, Utah

Well No. Bowers Fed. #2-25
Sec. 25, T. 19S, R. 23E
Grand County, Utah

Gentlemen:

In reference to our letter of 7-6-81 concerning the logs that were run and not received, we still have not received these: Dual Induction, Neutron/density, Sonic (#1-31); laterlog (#2-25)/

It was indicated by your company that they were sent here directly from Schlumberger, Attn.--Mike Minder, but as of today's date we have only received the Dual induction log for Bowers Fed. #2-25.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs. Failure to provide these reports will result in denial of all future applications for permit to drill from this office.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight
Cleon B. Feight
Director

/lm

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
Bowers Oil & Gas Exploration, Inc.
3. ADDRESS OF OPERATOR
P.O. Box 636, Grand Junction, CO 81502
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 518 ft. FSL, 560 ft. FWL
AT TOP PROD. INTERVAL: (same as above)
AT TOTAL DEPTH: (same as above)
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) squeeze zone

SUBSEQUENT

- ☐
☐
☐
☐
☐
☐
☐
☐
☐
☐

RECEIVED
JUN 01 1982
DIVISION OF
OIL, GAS & MINING

5. LEASE
U-037623
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a
7. UNIT AGREEMENT NAME
n/a
8. FARM OR LEASE NAME
n/a
9. WELL NO.
Bowers Fed. #1-31
10. FIELD OR WILDCAT NAME
Greater Cisco Area
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 31, T19S, R24E, SLB&M
12. COUNTY OR PARISH
Grand
13. STATE
Utah
14. API NO.
43-019-30768
15. ELEVATIONS (SHOW DF, KDB, AND WD)
4753 ft. (KB)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well presently produces a small amount of gas and a relatively large amount of water. Since we believe this water is communicating from another sand we request permission to a. squeeze with est. 30 sx. Class G cement the 2002'-2010' interval (presently open with 1 JSPF), b. reperforate the same zone, and c. stimulate, if necessary. If stimulation was required we would use a 500gal. methanol breakdown.

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: 07/21/82

BY: [Signature]

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

James E. Bowers

TITLE

President

DATE

5/28/82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

- b. (cont'd) cut-off (20 sx. Class B cement).
 - c. Plug #3 - 273' up to 108' (15 sx. Class B cement) across surface pipe
 - d. Plug #4 - surface plug (25 sx. Class B. cement), with regulation marker
- D. Hole will be filled with 9 ppg. mud.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐

2. NAME OF OPERATOR

Bowers Oil & Gas Exploration, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 636, Grand Junction, CO 81502

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 518' (FSL) 560' (FWL)

AT TOP PROD. INTERVAL: same as at surface

AT TOTAL DEPTH: same as at surface

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Lay surface gas line

SUBSEQUENT REPAIR OR

RECEIVED

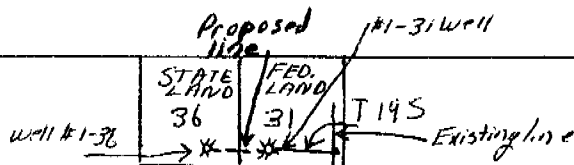
AUG 06 1982

Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF
OIL, GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

We propose to lay approximately 560 ft. of 2 3/8" tubing, to be used as a gas gathering line, from this well back to the west section line of Sec. 31. At this point we would run the line to a well in Sec. 36, T19S, R23E (state owned) in order to collect the gas from that well. This line would be laid on the surface and no surface disturbance would be needed. All of the acreage in the S 1/2 Sec. 31 is covered under this lease.



Subsurface Safety Valve: Manu. and Type

*APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 8-10-82

BY: [Signature]

Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

James E. Bowers

TITLE President

DATE

8/3/82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

* GAS TO BE METERED OFF
STATE LEASE - SECTION 36.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ well ☐ other

2. NAME OF OPERATOR
Bowers Oil & Gas Exploration, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 636, Grand Junction, CO 81502

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 518 ft. FSL, 560 ft. FWL
AT TOP PROD. INTERVAL: same as at surface
AT TOTAL DEPTH: same as at surface

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

☐
☐
☒
☐
☐
☐
☐
☐

(other) Cement squeezed, perforated

5. LEASE

U-037623

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
NA

9. WELL NO.
Bowers Fed. #1-31

10. FIELD OR WILDCAT NAME
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 31, T19S, R24E, SLB & M

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-30768

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4753' (KB)

RECEIVED
OCT 12 1982

(NOTE: Report only one multiple completion or zone change on Form 9-330.)

DIVISION OF
OIL, GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- a. 8/14/82 - Squeezed through old perforations with 50 sx. Class G cement.
- b. 8/17/82 - Drilled out to 2033 ft. (KB).
- c. 8/19/82 - Perforated interval 2004-2007' with 4 shs./ft. (1/2").
- d. 8/20/82 - Acidized zone with 500 gal. 7 1/2" HCL.
- e. Tubing set at 2016.54 ft. (KB).

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED James E. Bowers TITLE President DATE 9/30/82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐
well well
2. NAME OF OPERATOR
Bowers Oil & Gas Expl, Inc.
3. ADDRESS OF OPERATOR
P.O. Box 636, Grand Jct., CO 81502
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 518' FSL, 560' FWL
AT TOP PROD. INTERVAL: same as above
AT TOTAL DEPTH: same as above
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF ☐ ☐
FRACTURE TREAT ☐ ☐
SHOOT OR ACIDIZE ☐ ☐
REPAIR WELL ☐ ☐
PULL OR ALTER CASING ☐ ☐
MULTIPLE COMPLETE ☐ ☐
CHANGE ZONES ☐ ☐
ABANDON* ☒ ☐
(other) ☐

5. LEASE
U-37623
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a
7. UNIT AGREEMENT NAME
n/a
8. FARM OR LEASE NAME
n/a
9. WELL NO.
Bowers Fed. Well #1-31
10. FIELD OR WILDCAT NAME
Greater Cisco Area
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 31, T19S, R24E SLB & M
12. COUNTY OR PARISH
Grand
13. STATE
Utah
14. API NO.
43-019-30768
15. ELEVATIONS (SHOW DF, KDB, AND WD)
4753' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- A. This well was originally completed in the Dakota Formation (perforated interval - 2002'-2010'). Initial production proved the well to be non-commercial.
- B. The tops are: Dakota - 1910', Morrison - 2120'.
- C. We propose to P & A as follows:
- Shoot off and pull as much 4 1/2" casing as possible.
 - Set plugs thru tubing:
 - Plug #1 - 1902'-2110' (20 sx. Class B cement)
 - Plug #2 - 200' plug across 4 1/2" casing (continued on ba
- Subsurface Safety Valve: Manu. and Type n/a Set @ n/a Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED James E. Bowers TITLE President DATE January 10, 1983

(This space for Federal or State official use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 1/10/83
BY: [Signature]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐
2. NAME OF OPERATOR
Bowers Oil & Gas Exploration, Inc.
3. ADDRESS OF OPERATOR
P.O. Box 636, Grand Junction, CO 81501
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 518' FSL, 560' FWL
AT TOP PROD. INTERVAL: same as above
AT TOTAL DEPTH: same as above
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☒
ABANDON* ☒
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
71-37623
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a
7. UNIT AGREEMENT NAME
n/a
8. FARM OR LEASE NAME
n/a
9. WELL NO.
Bowers Fed. Well #1-31
10. FIELD OR WILDCAT NAME
Greater Cisco Area
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T19S, R24E SLB & M
12. COUNTY OR PARISH
Grand
13. STATE
Utah
14. API NO.
43-019-30768
15. ELEVATIONS (SHOW DF, KDB, AND WD)
4753' (KB)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

We have received permission to plug and abandon the above captioned well. Due to the fact the salvage value of casing has fallen so low we would like to change our abandonment plans. We propose:

- A. Set a cast iron plug at 1990 ft. (KB) which is 12 ft. above the top perforation.
B. Dump a bailer load of class G cement (approx. one sx.) on top of the bridge plug.
C. Set a surface plug (10 sx. class G cement) with regulation marker.

*BLM Approval is necessary and supersedes
Subsurface Safety Valve, Manul and Type

18. I hereby certify that the foregoing is true and correct

SIGNED

James E. Bowers

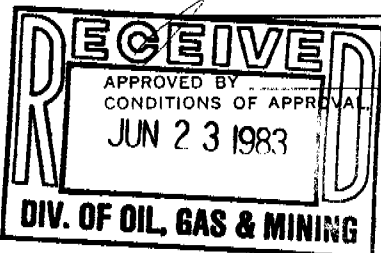
TITLE

President

DATE

6/21/83

Ft.



(This space for Federal or State office use)

TITLE

RECEIVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 7/5/83
BY: *[Signature]*

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐

2. NAME OF OPERATOR
Bowers Oil & Gas Exploration, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 636, Grand Junction, CO 81502

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 518' FSL, 560' FWL
AT TOP PROD. INTERVAL: same as above
AT TOTAL DEPTH: same as above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☒
(other) ☐

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☐
☒

5. LEASE
71-037623

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a

7. UNIT AGREEMENT NAME
n/a

8. FARM OR LEASE NAME
n/a

9. WELL NO.
Well #1-31

10. FIELD OR WILDCAT NAME
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 31, T19S, R24E
SLB & M

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-30768

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4753' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

As of 9/8/83 the abandonment of this well is complete.

- We set a cast iron bridge plug at 2000 ft. (KB).
- We put 15 sx. of class G cement on top of bridge plug.
- We set a surface plug 25 sx. of class G cement with regulation marker.
- No cement was put in annulus as surface pipe was cemented to surface. Initially, the surface pipe was welded to prod. pipe
- Site has been completely cleaned, pits backfilled, and topsoil recontoured back to its' original position
- Reseeding has already taken place.

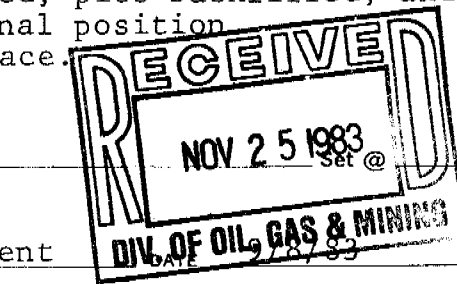
Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct

SIGNED James E. Bowers TITLE President

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:



APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 11/28/83
BY: [Signature]

January 22, 1981

Mowers Oil & Gas Exploration, Inc.
P. O. Box 636
Grand Junction, Colorado 81501

Re: Well No. Bowers-Texoma Fed. #1-31
Sec. 31, T. 19S, R. 24E, BW SW
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 102-168, dated September 26, 1979.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (Aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30768.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight
Director

/ko
cc: USGS